



023692.A06

JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiroshi NOMURA

Group Art Unit: 2851

Appln. No. : 10/646,882

Examiner: David M. GRAY

Filed : August 25, 2003

For : A CAM MECHANISM OF A PHOTOGRAPHING LENS

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98 and supplemental to the Information Disclosure Statements that were previously filed, Applicant hereby calls to the Examiner's attention the following documents which were cited in a Japanese Office Action (a copy of which is submitted herewith, along with an English language translation of the same) that issued in a Japanese patent family member of U.S. Patent Application Publication No. 2003/0156832:

- (1) Japanese Laid-Open Patent Publication No. 2000-023002, which was published on January 21, 2000, together with an English language translation of the same;
- (2) Japanese Laid-Open Patent Publication No. HEI 6-308592, which was published on November 4, 1994, together with an English language translation of the same;
- (3) Japanese Laid-Open Patent Publication No. HEI 7-199019, which was published on August 4, 1995, together with an English language translation of the same;

- (4) Japanese Laid-Open Patent Publication No. HEI 5-313226, which was published on November 26, 1993, together with an English language translation of the same;
- (5) Japanese Laid-Open Patent Publication No. HEI 7-295050, which was published on November 10, 1995, together with an English language translation of the same;
- (6) Japanese Laid-Open Patent Publication No. HEI 9-5849, which was published on January 10, 1997, together with an English language translation of the same;
- (7) Japanese Laid-Open Patent Publication No. SHO 61-133933, which was published on June 21, 1986, together with an English language abstract of the same and patent family member U.S. Patent No. 4,841,323 to MINORU et al., which issued on June 20, 1989; and
- (8) Japanese Laid-Open Patent Publication No. 2003-114473, which was published on April 18, 2003, together with an English language translation of the same.

Applicant also brings to the Examiner's attention the following documents which were cited in a United Kingdom Search Report that issued in United Kingdom Patent Application No. GB 0422629.6 on February 24, 2005:

- (9) Japanese Laid-Open Patent Publication No. 2004-257555, which was published on September 16, 2004. Applicant notes that this publication is a family member of U.S. Application Publication No. 2004/0042092, the application of which was previously identified in an Information Disclosure Statement. A copy of this Laid-Open Publication is thus not being submitted herewith. However, if a copy of the same is needed, the Examiner is respectfully requested to contact the undersigned;
- (10) United Kingdom Patent Application Publication No. GB 2394787, which was published on May 5, 2004. Applicant notes that this document is a patent family

member of document (9) and thus a copy of this United Kingdom Publication is not being submitted herewith. However, should a copy be needed, the Examiner is respectfully requested to contact the undersigned. Applicant additionally brings to the Examiner's attention its patent family member U.S. Patent Application Publication No. 2004/0042092 to NOMURA (mentioned above), which was published on March 4, 2004. Applicant notes that this U.S. Patent Application was previously brought to the Examiner's attention in an Information Disclosure Statement;

(11) U.S. Patent Application Publication No. 2004/0141735 to NOMURA, which was published on July 22, 2004. Applicant notes that this document was previously brought to the Examiner's attention in an Information Disclosure Statement;

(12) U.S. Patent Application Publication No. 2004/0062536 to NOMURA, which was published on April 1, 2004. Applicant notes that this document was previously brought to the Examiner's attention in an Information Disclosure Statement;

(13) U.S. Patent Application Publication No. 2004/0042776 to NOMURA, which was published on March 4, 2004. Applicant notes that this document was previously brought to the Examiner's attention in an Information Disclosure Statement;

(14) U.S. Patent No. 6,185,375 to KAZUO, which issued on February 6, 2001; and

(15) U.S. Patent No. 5,715,482. Applicant notes that this document was previously brought to the Examiner's attention in an Information Disclosure Statement.

The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the United Examiner are set forth in the United Kingdom Search Report.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(i), copies of the U.S. patents and U.S. publications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicant respectfully requests that the Examiner consider the above material and cite the same. Copies of the documents (1)-(8) are attached hereto and all of the documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicant with the next official communication in the present application.

Applicant notes that an Office Action on the merits has not yet issued in the instant application, and thus, no fee is believed necessary to ensure consideration of the submitted material. However, if an Office Action has issued and is crossing in the mail with this statement, the Commissioner is hereby authorized to charge Deposit Account No. 19-0089 any fee necessary to ensure consideration of the submitted materials.

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Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Hiroshi NOMURA

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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23692Application No.  
10/646,882INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLA SS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	8	4	1	3	2	3	06/20/89	MINORU et al.			
	2004	0	0	4	2	0	9	2	03/04/04	NOMURA			
	2004	0	1	4	1	7	3	5	07/22/04	NOMURA			
	2004	0	0	6	2	5	3	6	04/01/04	NOMURA			
	2004	0	0	4	2	7	7	6	03/04/04	NOMURA			
		6	1	8	5	3	7	5	02/06/01	KAZUO			
		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLA SS	SUBCLASS	TRANSLATION YES NO	
	2000	-	0	2	3	0	0	2	01/21/00	JAPAN			X	
	6	-	3	0	8	5	9	2	11/04/94	JAPAN			X	
	7	-	1	9	9	0	1	9	08/04/95	JAPAN			X	
	5	-	3	1	3	2	2	6	11/26/93	JAPAN			X	
	7	-	2	9	5	0	5	0	11/10/95	JAPAN			X	
		0	9	-	5	8	4	9	01/10/97	JAPAN			X	
	61	-	1	3	3	9	3	3	06/21/86	JAPAN				
	2003	-	1	1	4	4	7	3	04/18/03	JAPAN			X	
	2004	-	2	5	7	5	5	5	09/16/04	JAPAN				
		2	3	9	4	7	8	7	05/05/04	UNITED KINGDOM				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP6-308592.
	2	English Language Abstract of JP 61-133933.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.